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TITLE: MANUFACTURE OF SEPARATOR FOR FUEL CELL AND THE SEPARATOR FOR FUEL CELL

PUBN-DATE: July 30, 1999

INVENTOR-INFORMATION:

NAME

COUNTRY

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N/A

INT-CL (IPC): H01M 8/02

ABSTRACT:

PROBLEM TO BE SOLVED: To manufacture a separator for a fuel cell having sufficient gas impermeability, with a simple manufacturing method.

SOLUTION: In manufacturing a separator for a fuel cell, raw material powder is prepared (step S100), and the raw material is uniformly mixed into a slurry (step S110), which is followed by granulation (step S120). The raw material powder obtained by the granulation is charged into a mold (step S130), followed by heating and press molding (step S140). In the raw material used here, a mixture of phenol resin and epoxy resin is used as a binder to be added into carbon powder. Consequently, since no gas is generated from the binder in the heating and press molding process, it is possible to manufacture a separator having sufficient gas impermeability.

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